

Engineered Solutions for Stronger Connections.

Reliable Engineering
for Modern Construction.



16172:2023

**Precision
Manufacturing**

**Reliable
Performance**

**On-Site
Efficiency**



About Us!

Established in 2021, PVH Engineering is a leading manufacturer and supplier of rebar couplers and mechanical splicing systems, based in Ahmedabad, Gujarat.

Why PVH!

Our products are designed to ensure reliable load transfer and strong connections between reinforcement bars, supporting the structural integrity of concrete constructions.

With a well-developed manufacturing setup and advanced technology, we deliver high-quality, precision-engineered solutions that meet industry standards. Each product undergoes strict quality checks to ensure durability and performance.



BAR JOINT

BAR JOINT



Our Vision

To become a trusted and recognized brand in reinforcement connection systems, delivering high-performance solutions that support the growth of modern infrastructure.



Our Mission

- To manufacture reliable and high-quality couplers that meet industry standards
- To provide efficient and cost-effective solutions for construction projects
- To continuously improve through innovation and advanced engineering practices
- To build long-term relationships through trust, quality, and service

Core Values



Quality First

We maintain strict quality standards to ensure every product performs reliably under structural load.



Engineering Precision

Our focus is on accuracy, performance, and consistency in every connection.



Customer Commitment & Lasting Relationships

We prioritize client requirements with timely delivery and technical support. Build with long-term relationships through transparency and dependable service.

We aim to support modern infrastructure with efficient, dependable, and engineered reinforcement solutions.





A Complete Mechanical Splicing System

BARJOINT by PVH Engineering offers a complete range of mechanical rebar coupler systems designed to ensure strong, reliable, and efficient reinforcement connections in concrete structures.

Engineered for performance, BARJOINT systems provide a superior alternative to traditional lap splicing by delivering:

Faster installation

Reduced material usage

Consistent load transfer

Enhanced structural integrity



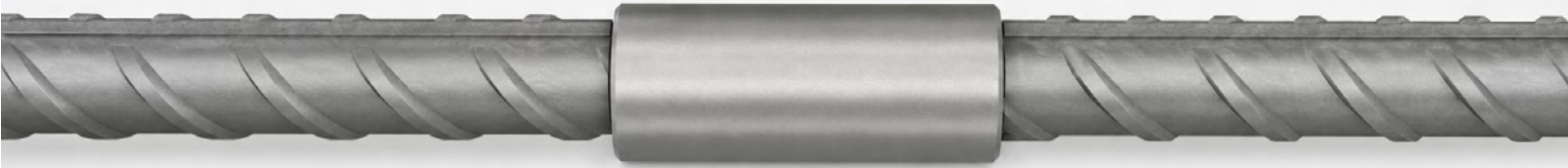
Parallel Threaded Couplers

Upset Parallel Threaded Couplers

Shear Bolted Couplers (MBT)

PARALLEL THREADED

Rebar Coupler



Parallel Threaded Couplers are precision-engineered mechanical splicing solutions designed to connect reinforcement bars with accurate alignment and reliable load transfer.

Suitable for standard construction applications where threading is feasible and controlled installation is required.

 Material
EN8D Steel

 Surface
Rough

 Design Type
Type A

Key Advantages

- Direct load transfer between bars
- High strength and reliable performance
- Precision parallel threading for accurate fit
- Reduces steel consumption compared to lap splicing
- Consistent quality across all sizes
- Suitable for standard structural applications

Applications

- Residential & commercial buildings
- RCC structures
- Infrastructure projects
- Foundations, columns, and beams

Size	OD	ID	Length	Weight	Thread Size & Pitch
16	25	14.8	40	0.09	M17 × 2.5
20	32	18.8	50	0.19	M21 × 2.5
25	40	23.8	60	0.355	M26 × 3.0
32	50	30.8	72	0.65	M33 × 3.0
20×16	32	19 × 15	19 × 15	0.195	M21 × 2.5 / M17 × 2.5
25×20	40	24 × 19	24 × 19	0.37	M26 × 3.0 / M21 × 2.5
32×25	50	31 × 24	31 × 24	0.71	M33 × 3.0 / M26 × 3.0



UPSET-PARALLEL THREADED REBAR COUPLER



Upset Parallel Threaded Couplers are designed for applications where full bar strength must be maintained.

The bar ends are upset before threading, ensuring no reduction in cross-section and superior load performance.

 **Material**
EN8D Steel

 **Surface**
Rough

 **Design Type**
Type A

Key Advantages

- Maintains full bar diameter
- Higher strength performance
- No loss of tensile capacity
- Reliable load transfer
- Suitable for critical structures

Applications

- High-rise buildings
- Bridges & infrastructure
- Heavy load structures
- Seismic and dynamic load zones

Size	OD	ID	Length	Weight	Thread Size & Pitch
16	25	14.8	40	0.09	M17 × 2.5
20	32	18.8	50	0.19	M21 × 2.5
25	40	23.8	60	0.355	M26 × 3.0
32	50	30.8	72	0.65	M33 × 3.0
20×16	32	19 × 15	19 × 15	0.195	M21 × 2.5 / M17 × 2.5
25×20	40	24 × 19	24 × 19	0.37	M26 × 3.0 / M21 × 2.5
32×25	50	31 × 24	31 × 24	0.71	M33 × 3.0 / M26 × 3.0



MBT- SHEAR BOLTING

REBAR COUPLER

MBT (Shear Bolt) Couplers provide a threadless mechanical splicing solution, using high-strength shear bolts to lock reinforcement bars securely.

Designed for situations where threading or bar rotation is not possible, ensuring reliable on-site performance.



 **Material**
EN8D Steel

 **Surface**
Rough

Key Advantages

- No threading required
- No bar rotation needed
- Fast and simple installation
- Suitable for retrofit and repair work
- Effective in congested reinforcement areas
- Consistent mechanical locking

Applications

- Repair & retrofit projects
- Structural extensions
- Congested reinforcement zones
- On-site modifications
- Infrastructure and industrial works

Size (mm)	Length (mm)	OD (mm)	No. of Bolts	Weight
12	100	32	4	0.50 kg
16	150	36	6	0.98 kg
20	150	40	6	1.13 kg
25	200	50	8	1.95 kg
32	-	-	-	-
16x12	-	-	-	-
20x16	-	-	-	-
25x20	175	50 x 40	7	1.52 kg
32x25	-	-	-	-





Rebar Coupler Manufacturer



8866665997
8866665997



www.pvhrebarcoupler.in



Shed No. 16, Radhe Krishna Industrial, Estate -1, Kathwada G.I.D.C.,
Road No. 5, Near Aadarsh Silver Estate, Ahmedabad
382430, Gujarat (India)

